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**CLAIMS:**

What is claimed is:

- 5 1. A method for managing results in a locale independent manner in a multi-node networked data processing system, the method comprising:

10 sending, from a first node, a command request to a second node, wherein that command request contains a command and a locale in which the text of the result is desired;

15 receiving, on the first node, results of execution from the command request sent, executed on the second node, wherein the result generated from the command request comprises one or more messages, wherein each message contains a unique message identifier, locale in which its associated text is stored, and text associated with the message;

20 responsive to a determination that the locale of the message text is in a locale different from a desired locale, replacing the message text contained within the result with message text corresponding to the desired locale to produce a modified result; and

25 sending the modified result to the requesting client node.

2. The method as recited in claim 1, further comprising:

30 extending the one or more messages to include a new message.

3. The method as recited in claim 1, wherein the

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command request is a first command request and the results are a first results and further comprising:

5 sending, from a first node, a second command request to a third node, wherein that second command request contains a command and a locale in which the text of the result is desired;

10 receiving, on the first node, results of execution from the second command request sent, executed on the third node, wherein the result generated from the second command request comprises one or more messages, wherein each message contains a unique message identifier, locale in which its associated text is stored, and text associated with the message;

15 receiving a second result from the third node, wherein the second result comprises a set of messages from a plurality of other nodes and each of the set of messages comprises message text and a message identification; and

20 modifying the one or more messages from the first result and the one or more messages from the second result to produce a hierarchical representation of messages.

4. The method as recited in claim 3, further comprising:

25 transmitting the hierarchical representation of messages to the requesting client node.

5. The method as recited in claim 1, further comprising:

30 receiving a result from the second node, wherein the result comprises a set of messages, wherein at least two

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of the set of messages are generated by different nodes within a plurality of nodes in the networked data processing system and each of the set of messages comprises message text and a message identification; and  
5        modifying the set of messages to produce a nested representation of the set of messages.

6.    A method for managing messages between nodes in a multi-node networked data processing system; the method  
10    comprising:

receiving a set of messages from a node, wherein at least two of the messages are generated from different nodes and at least two of the messages are in different languages from each other; and

15        sending the set of messages to a final calling node without resolving the set of messages, wherein the set of messages are resolved by the final calling node into a locale of a requesting client.

20    7.    The method as recited in claim 6, further comprising:

prior to sending the set of messages, adding a message to the set of messages to produce a modified set of messages; and

25        wherein the step of sending the set of messages comprises sending the modified set of messages.

8.    A computer program product in a computer readable media for use in a data processing system for managing  
30    results in a locale independent manner in a multi-node networked data processing system, the computer program product comprising:

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first instructions for sending, from a first node, a command request to a second node, wherein that command request contains a command and a locale in which the text of the result is desired;

- 5       second instructions for receiving, on the first node, results of execution from the command request sent, executed on the second node, wherein the result generated from the command request comprises one or more messages, wherein each message contains a unique message  
10 identifier, locale in which its associated text is stored, and text associated with the message;

- third instructions, responsive to a determination that the locale of the message text is in a locale different from a desired locale, for replacing the  
15 message text contained within the result with message text corresponding to the desired locale to produce a modified result; and

      fourth instructions for sending the modified result to the requesting client node.

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9. The computer program product as recited in claim 8, further comprising:

      fifth instructions for extending the one or more messages to include a new message.

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10. The computer program product as recited in claim 8, wherein the command request is a first command request and the results are a first results and further comprising:

- 30       fifth instructions for sending, from a first node, a second command request to a third node, wherein that second command request contains a command and a locale in

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which the text of the result is desired;

sixth instructions for receiving, on the first node, results of execution from the second command request sent, executed on the third node, wherein the result  
 5 generated from the second command request comprises one or more messages, wherein each message contains a unique message identifier, locale in which its associated text is stored, and text associated with the message;

seventh instructions for receiving a second result  
 10 from the third node, wherein the second result comprises a set of messages from a plurality of other nodes and each of the set of messages comprises message text and a message identification; and

eighth instructions for modifying the one or more  
 15 messages from the first result and the one or more messages from the second result to produce a hierarchical representation of messages.

11. The computer program product as recited in claim 10,  
 20 further comprising:

ninth instructions for transmitting the hierarchical representation of messages to the requesting client node.

12. The computer program product as recited in claim 8,  
 25 further comprising:

fifth instructions for receiving a result from the second node, wherein the result comprises a set of messages, wherein at least two of the set of messages are generated by different nodes within a plurality of nodes  
 30 in the networked data processing system and each of the set of messages comprises message text and a message identification; and

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sixth instructions for modifying the set of messages to produce a nested representation of the set of messages.

- 5 13. A computer program product in a computer readable media for use in a data processing system for managing messages between nodes in a multi-node networked data processing system; the computer program product comprising:
  - 10 first instructions for receiving a set of messages from a node, wherein at least two of the messages are generated from different nodes and at least two of the messages are in different languages from each other; and
    - 15 second instructions for sending the set of messages to a final calling node without resolving the set of messages, wherein the set of messages are resolved by the final calling node into a locale of a requesting client.
  14. The computer program product as recited in claim 13,
    - 20 further comprising:
      - third instructions, prior to sending the set of messages, for adding a message to the set of messages to produce a modified set of messages; and
        - 25 wherein the step of sending the set of messages comprises sending the modified set of messages.
    15. A system for managing results in a locale independent manner in a multi-node networked data processing system, the system comprising:
      - 30 first means for sending, from a first node, a command request to a second node, wherein that command request contains a command and a locale in which the text

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of the result is desired;

second means for receiving, on the first node, results of execution from the command request sent, executed on the second node, wherein the result generated  
5 from the command request comprises one or more messages, wherein each message contains a unique message identifier, locale in which its associated text is stored, and text associated with the message;

third means, responsive to a determination that the  
10 locale of the message text is in a locale different from a desired locale, for replacing the message text contained within the result with message text corresponding to the desired locale to produce a modified result; and

15 fourth means for sending the modified result to the requesting client node.

16. The system as recited in claim 15, further comprising:

20 fifth means for extending the one or more messages to include a new message.

17. The system as recited in claim 15, wherein the command request is a first command request and the  
25 results are a first results and further comprising:

fifth means for sending, from a first node, a second command request to a third node, wherein that second command request contains a command and a locale in which the text of the result is desired;

30 sixth means for receiving, on the first node, results of execution from the second command request sent, executed on the third node, wherein the result

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generated from the second command request comprises one or more messages, wherein each message contains a unique message identifier, locale in which its associated text is stored, and text associated with the message;

5        seventh means for receiving a second result from the third node, wherein the second result comprises a set of messages from a plurality of other nodes and each of the set of messages comprises message text and a message identification; and

10       eighth means for modifying the one or more messages from the first result and the one or more messages from the second result to produce a hierarchical representation of messages.

15       18. The system as recited in claim 17, further comprising:

         ninth means for transmitting the hierarchical representation of messages to the requesting client node.

20       19. The system as recited in claim 15, further comprising:

         fifth means for receiving a result from the second node, wherein the result comprises a set of messages, wherein at least two of the set of messages are generated  
25 by different nodes within a plurality of nodes in the networked data processing system and each of the set of messages comprises message text and a message identification; and

         sixth means for modifying the set of messages to  
30 produce a nested representation of the set of messages.

20. A system for managing messages between nodes in a



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multi-node networked data processing system; the system comprising:

first means for receiving a set of messages from a node, wherein at least two of the messages are generated  
5 from different nodes and at least two of the messages are in different languages from each other; and

second means for sending the set of messages to a final calling node without resolving the set of messages, wherein the set of messages are resolved by the final  
10 calling node into a locale of a requesting client.

21. The system as recited in claim 20, further comprising:

third means, prior to sending the set of messages,  
15 for adding a message to the set of messages to produce a modified set of messages; and

wherein the step of sending the set of messages comprises sending the modified set of messages.